

## 300Mbps, 2.4Ghz Outdoor WiFi Access Point or Repeater

### APRPT

#### Features

- Extends the range of WiFi ready equipment beyond typical performance range with a signal up to 300'
- Includes ball joint mount with wall and pole mount attachments
- Sold individually
- Each access point requires PoE powered by AC adaptor (included)



#### Specifications

|                    |                                                                                                                                                                                                        |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DRAM .....         | DDR2 64MByte                                                                                                                                                                                           |
| FLASH .....        | 8MByte                                                                                                                                                                                                 |
| Port .....         | 10/100Mbps LAN*2                                                                                                                                                                                       |
| Speed .....        | 11b:11M, 5.5M, 2M, 1Mbps<br>11g:54M, 48M, 36M, 24M, 18M, 12M, 9M, 6Mbps<br>11n:6.5M, 13M, 13.5M, 19.5M, 26M, 27M, 39M,<br>40.5M, 52M, 54M, 58.5M, 65M, 81M, 108M,<br>121.5M, 135M, 150M, 270M, 300Mbps |
| Transmission ..... | DSSS                                                                                                                                                                                                   |
| Modulation .....   | OFDM/BPSK/QPSK/CCK/DQPSK/DBPSK                                                                                                                                                                         |
| Standards .....    | IEEE802.11n, IEEE802.11g, IEEE802.11b,<br>IEEE802.3u, IEEE802.3af                                                                                                                                      |
| Protocol .....     | CSMA/CA, TCP/IP, IPX/SPX, NetBEUI, DHCP,<br>NDIS3, NDIS4, NDIS5                                                                                                                                        |
| RF@25±2dB .....    | 802.11b   27±2dBm<br>802.11g<br>▫ 6-24Mbps   26±2dB<br>▫ 36-48Mbps   25±2dB<br>▫ 54Mbps   24±2dB<br>802.11n<br>▶ HT20<br>▫ MCS 7   24.5±2dB<br>▶ HT40<br>▫ MCS 7   24±2dB                              |

|                            |                                                                                                                                                    |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Sensitivity .....          | IEEE 802.11b   11Mbps ≤ -85dBm<br>IEEE 802.11g   54Mbps ≤ -73<br>802.11n<br>▶ HT20   MCS 0 ≤ -86; MCS 7 ≤ -65<br>▶ HT40   MCS 0 ≤ -83; MCS 7 ≤ -62 |
| Antenna .....              | Frequency   2300~2800MHz<br>Direction   Horizontal/Vertical<br>Gain   16DBi                                                                        |
| Management .....           | WEP management   Yes<br>SNMP MIB   Yes<br>Telnet   Yes<br>Serial   Yes                                                                             |
| Security .....             | MAC address control   Yes<br>Encryption   WEP 64/128bits, WPA, WPA2, 802.1x                                                                        |
| Operating conditions ..... | Working temperature   -22F~149F<br>Storage temperature   -58F~176F<br>Humidity (non-condensed)   ≤95% (NA)                                         |